



P.B.5818 - Patentaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

SLIP-1		30. JAN. 2003	
SB		PN	
Zweigestelle in Den Haag Recherchen- abteilung			
Visa		fu.	

European
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

ABB Patent Attorneys
c/o ABB Schweiz AG,
Intellectual Property (CH-LC/IP),
Brown Boveri Strasse 6
5400 Baden
SUISSE

04.03.03		Ka	
Exp. date		Exp. date	
4. Feb. 2003		fu.	

Datum/Date

30.01.03

Zeichen/Ref./Réf. 02/081 EP	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 02405675.6-1218-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire ABB RESEARCH LTD.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 12

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	GB 914 552 A (ENGLISH ELECTRIC CO LTD) 2 January 1963 (1963-01-02) * page 1, line 54-76; claims 1,4 *	1-13	H01B17/18 H01B17/32 H01B17/36 H01B17/30 H01B17/42 H02G5/06
A	CH 690 256 A (CELLPACK AG) 15 June 2000 (2000-06-15) * column 2, line 36-41; claims 1,2 *	1-13	
A	DE 32 20 529 A (BBC BROWN BOVERI & CIE) 10 November 1983 (1983-11-10) * page 8, line 21,22; claims 1-7; figures 1,2 *	1-13	
A	EP 0 588 359 A (MITSUBISHI ELECTRIC CORP) 23 March 1994 (1994-03-23) * claims 1,2; figures 1-5; examples 1-6 *	1-13	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01B H02G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 January 2003	Examiner Wengeler, H
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 40 5675

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

16-01-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 914552 ✓ A	02-01-1963	NONE	
CH 690256 ✓ A	15-06-2000	CH 690256 A5	15-06-2000
		DE 29609229 U1	14-08-1996
DE 3220529 ✓ A	10-11-1983	CH 659341 A5	15-01-1987
		BR 8302251 A	03-01-1984
		DE 3220529 A1	10-11-1983
		FR 2526577 A1	10-11-1983
		JP 58204421 A	29-11-1983
EP 0588359 J A	23-03-1994	JP 3138567 B2	26-02-2001
		JP 6153342 A	31-05-1994
		EP 0588359 A2	23-03-1994